

Title (en)

HAIR REMOVAL DEVICE WITH DISC, VIBRATION, AND LIGHT ASSEMBLIES

Title (de)

HAARENTFERNUNGSVORRICHTUNG MIT EINER SCHEIBEN-, EINER VIBRATIONS- UND EINER LICHTANORDNUNG

Title (fr)

DISPOSITIF D'EPILATION AVEC UNITE A DISQUES, UNITE VIBRANTE ET UNITE D'ECLAIRAGE

Publication

**EP 1347693 A4 20050615 (EN)**

Application

**EP 01272595 A 20011224**

Priority

- CN 0101639 W 20011224
- US 75039600 A 20001228

Abstract (en)

[origin: US2001014809A1] A device for removing unwanted hair, including a hair-plucking assembly, a vibration assembly, a driving assembly, and a housing. The hair-plucking assembly includes at least two groups of disc assemblies that remove hairs as they rotate. In an alternative embodiment, disc assemblies are arranged in at least two rows, where disc assemblies arranged in one row rotate in an opposite direction to disc assemblies arranged in another row. As the hair-plucking assembly removes hair, the vibration assembly vibrates to massage the area of hair removal to minimize discomfort associated with the hair removal. In addition, an illumination mechanism may be added to the hair removal device to illuminate the hair removal area so as to help the user see the progress of hair removal.

IPC 1-7

**A45D 26/00**

IPC 8 full level

**A45D 26/00** (2006.01)

CPC (source: EP US)

**A45D 26/0028** (2013.01 - EP US); **A45D 26/0061** (2013.01 - EP US); **A45D 2200/207** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1046355 A2 20001025 - MATSUSHITA ELECTRIC WORKS LTD [JP]
- [Y] FR 2699448 A1 19940624 - CARLIER JEAN [FR], et al
- [Y] US 6123713 A 20000926 - YIU WAI-WAH [HK], et al
- See references of WO 02052976A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 2001014809 A1 20010816; US 6436106 B2 20020820**; CA 2471563 A1 20020711; CN 1220462 C 20050928; CN 1492740 A 20040428; CN 1726836 A 20060201; EP 1347693 A1 20031001; EP 1347693 A4 20050615; JP 2004516125 A 20040603; WO 02052976 A1 20020711

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